



mediaCTRL™ mobile edition

The next generation of mobile multimedia features

AwoX mediaCTRL™ mobile edition provides handset OEM and ODM with a complete solution to integrate the next generation of mobile multimedia features in their product. With AwoX mediaCTRL™, your mobile device can access, share, render mobile media with other connected home devices, from game consoles to PC and set-top-boxes.

AwoX mediaCTRL™ is DLNA certified, and provides guaranteed interoperability with thousands of other DLNA certified home-devices. AwoX mediaCTRL™ already supports the leading mobile platforms and chipsets for all advanced DLNA use cases including "Play To".

mediaCTRL™ functionality can be easily integrated with yours or third party media finder, media player, control point, browser or other third party applications on your device.

Handset OEM benefits

Guaranteed DLNA interoperability:

AwoX mediaCTRL™ mobile solution is based on our DLNA certified middleware solution. AwoX mediaCTRL™ has been deployed on home connected devices, set-top-boxes, digital media adaptors, PCs and media streamers. With AwoX mediaCTRL™, your mobile device can share content with microsoft XBOX 360, Sony Playstation 3 or any Windows Media Player 11 personal computer.

A complete solution for all Connected Home Use cases:

AwoX mediaCTRL™ provide a complete solution to implement all the DLNA and UPnP/AV use cases and guidelines.

> Server : (M-DMS & DMS device classes)

With AwoX mediaCTRL™ mobile, your mobile device can publish and share its content with other connected devices. User captured HD quality content can be streamed from your mobile phone to your set-top-box.

> Renderer : (DMR device class)

With AwoX mediaCTRL™ mobile, your mobile device can render content shared by other devices in the house, whether these are NAS Network Drives, PCs or PVRs. User can initiate playback from any other control point allowing to receive content pushed from another mobile for instance.

> Controller : (M-DMC & DMC device classes)

With AwoX mediaCTRL™ mobile, your mobile device can start, stop and control media playback on other connected home devices. Your mobile device becomes a remote controllable to pilot your TV renderer or your friend's mobile.

> Content Sync :

AwoX mediaCTRL™ supports advanced DLNA user cases: Transcoding, Content Upload and Download; as well as capabilities to access internet content wherever DRM protected or not, enabling you to deliver breakthrough media and content access services.

> DRM Integration

AwoX mediaCTRL™ includes support for all DLNA link protection technology (WM DRM ND, DTCP IP) as well as support for copy protection technology (WM DRM PD).

Straightforward integration:

AwoX mediaCTRL™ has been ported and is available on the next generation of mobile platforms. The component footprint and memory usages have been optimized to mobile devices requirements. The AwoX mediaCTRL™ developer SDK lets you, or third party developer, integrate DLNA support in device resident or third party media applications, from media players to browser.

Optimized footprint and performance:

Performance requirements of a mobile device are different than these of a set-top box. AwoX mediaCTRL™ has been optimized to fit in small memory footprints, provide breakthrough performance for the most demanding media streaming use cases, and ensure a satisfying user experience.





Features

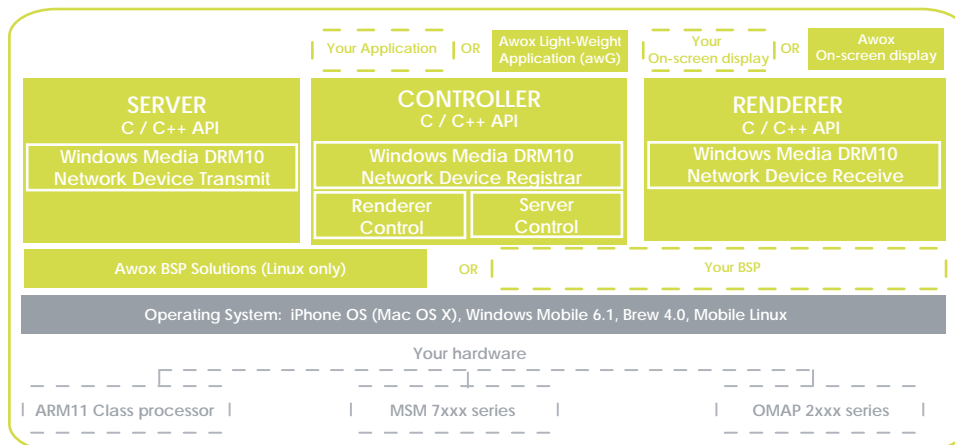
- > AwoX mediaCTRL™ mobile includes the Controller SDK support, which complies with the UPnP A/V 1.1 Control Point standard and DLNA 1.5 DMC device class. The Control Point support provides a seamless solution for Server and Renderer control.
- > AwoX mediaCTRL™ mobile includes the Media Renderer. To ensure industry-wide compatibility, the AwoX Media Renderer is fully compliant with the DMR device class (defined by DLNA 1.5 guidelines) and UPnP AV 1.1.
- > AwoX mediaCTRL™ mobile includes the Media Server. AwoX Media Server will not only serve media content, but it gives you a simple way to develop your own services in compliance with DLNA 1.5 guidelines. Media Server is fully compliant with the DLNA 1.5 DMS device class and UPnP A/V 1.1 Media Server profile.
- > All the components of AwoX mediaCTRL™ mobile are in ANSI C++, leveraging POSIX API and portable to most mobile operating systems.

mediaCTRL™ mobile content

- > AwoX mediaCTRL™ mobile SDK, including Controller, Server and Render executable for your mobile target.
- > Static or Dynamic libraries for your target platform.
- > Developer SDK for integration of DLNA functionality in device resident application Integration and Testing Tools, Documentation.

Services

AwoX offers additional support options and integration services to help you get the most out of your multimedia tools. Our experience developing connected applications will help you bring your products to market quickly. Customization possibilities include porting our software to additional platforms, adding new features or support for new media types and developing turn-key solutions.



Supported Platforms

AwoX mediaCTRL™ can be easily ported to any mobile platform. AwoX has already ported to the following platforms and chipsets. If your platform is not on the supported list, please contact us.

PLATFORM	PROCESSOR	DEVICE
iPhone OS (Mac OS X)	ARM11 Class processor	Apple iPhone
Windows Mobile 6.5	ARM11 Class processor	HTC Touch, Sony Xperia X2
Mobile Linux	OMAP 2xxx series	Nokia N810 Tablet
Android 1.5	ARM Class processor	HTC Dream, Hero

About AwoX

AwoX provides network media solutions for consumer electronics products based on mediaCTRL™, its DLNA-certified middleware. AwoX mediaCTRL™ enables people to stream video, music and photos seamlessly using digital audio and video devices in their regular home networks. AwoX mediaCTRL™ technology is at the heart of all AwoX audio and video connectivity accessories and solutions. AwoX is a member of the UPnP Forum and UPnP Implementation Consortium, and a promoter member of the Digital Living Network Alliance.

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